

### AMS CHANGE REQUEST/DIRECTIVE

1. CR/DIR Number: AMS-02 / D-015

2. Date: 03/1310/2006

3. Change Title:

Phase II Flight Safety Data Package for the Alpha Magnetic Spectrometer – 02 (AMS-02)

4. Cost Impact: N/A

5. Document(s) Affected: N/A

6. Weight Impact: N/A

7. Schedule Impact: N/A

8. Other Impacts: N/A

9. Description Of Change:

Baseline JSC 49978, Phase II Flight Safety Data Package for the Alpha Magnetic Spectrometer – 02 (AMS-02).

10. Justification:

The Phase II Flight Safety Data Package (SDP) provides a complete description of the AMS-02 Payload and a detailed safety analysis of the payload and all its detectors and subsystems. The SDP documents that the payload meets the requirements of the current version of NSTS 1700.7 and NSTS 1700.7 ISS Addendum, paragraph 301; and is required to be submitted to the Payload Safety Review Panel (PSRP) 45 days prior to the Phase II Flight Safety Review.

11. Action Required (To Implement This Change):

The SDP will be base-lined via the Change Request (CR) process through the AMS-02 Configuration Control Board (CCB). Configuration management (CM) for subsequent revisions to the SDP document body shall also be governed by the CR process through the AMS-02 CCB.

The Hazard Reports (HRs) generated for the AMS-02 project are attached to the SDP as an appendix. Each HR will be submitted to the CCB for base-lining on its own CR to facilitate configuration management.

12. Initiator/Organization: Mike Fohey & Leland Hill/ESCG

13. Organization Approval: EA

14. Disposition:

- ☐ Deferred
- ☒ Approved
- ☐ Approved With Changes Indicated
- ☐ Disapproved

15. Approval:

  
CCB Chairman/Date

5/22/06

# AMS CHANGE REQUEST/DIRECTIVE EVALUATOR LIST

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☐ Astronaut Office (CB)☐ Mission Operations Directorate (DA)

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Other NASA Centers

☐ Goddard Space Flight Center (GSFC)☐ Marshall Space Flight Center (MSFC)☐ Kennedy Space Center (KSC)

Others

☒ Mike Capell, MIT☒ Stephen Harrison, SCL☒ Marco Molina, CGS☒ Wolfgang Wallraff, RWTH Aachen☒ Klaus Lübelmeyer, RWTH Aachen☒ Paolo Trampus, CARSO☒ Roberto Battiston, INFN Perugia☒ Martina Green, MIT☒ Giuliano Laurenti, INFN Bologna☒ Y. T. Ting, CSIST☒ Franco Cervelli, INFN Pisa☒ Guillermo Muñoz, CRISA☒ Jean-Pierre Vialle, LAPP☒ Agnieszka Jacholkowska, GAM, IN2P3☒ Joe Burger, MIT☒ Johannes Van Es, NLR